

FIG. 1

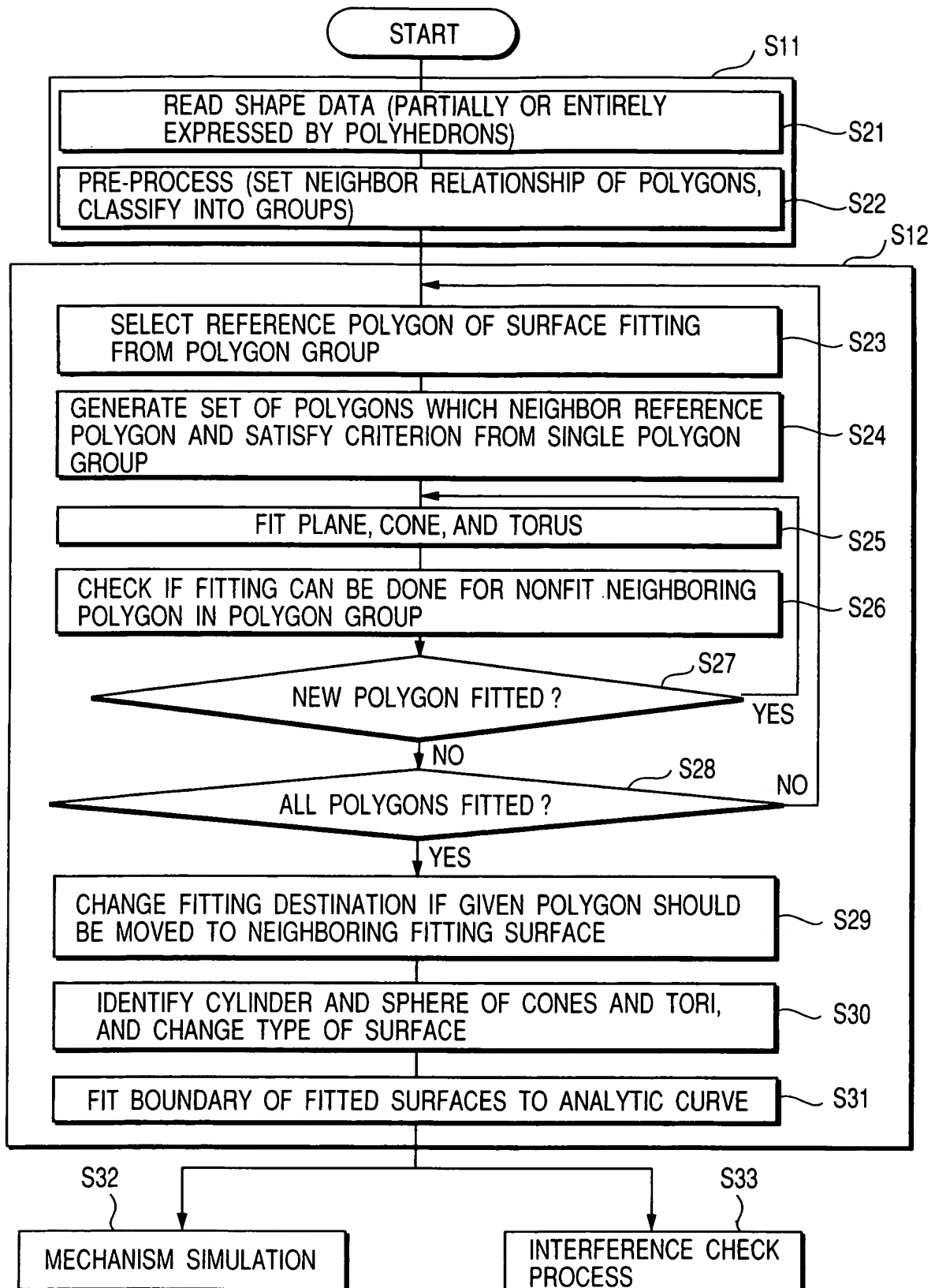


FIG. 2



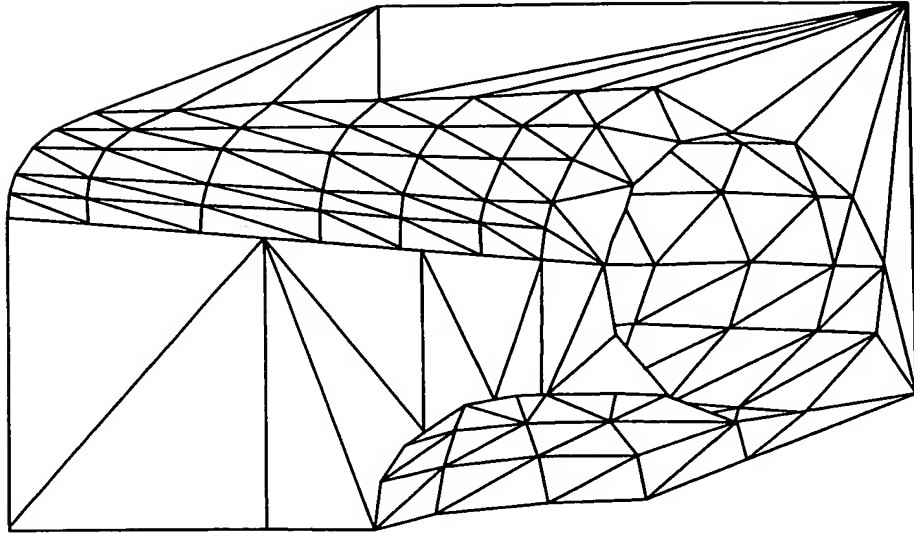


FIG. 5

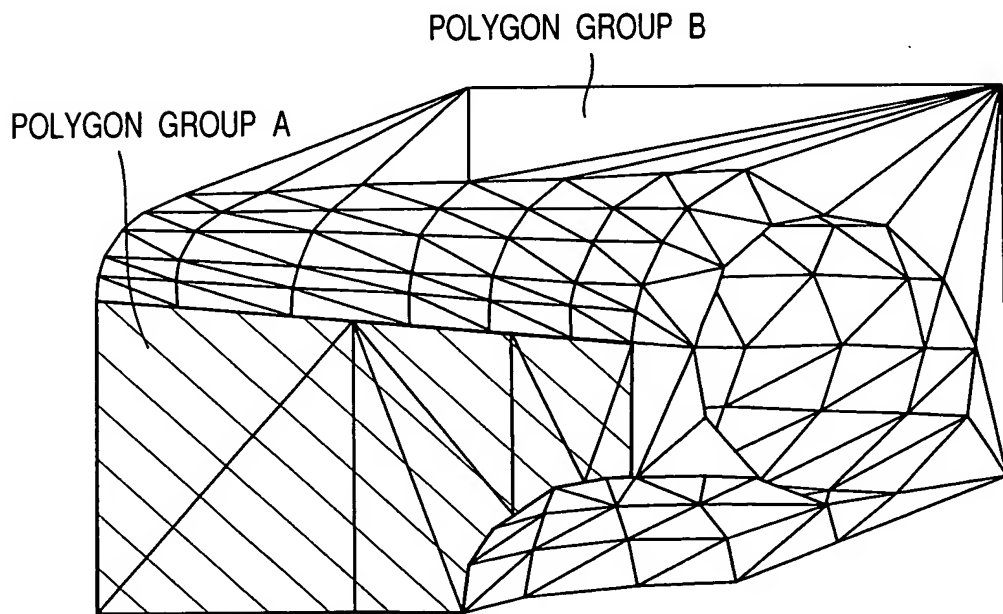


FIG. 6

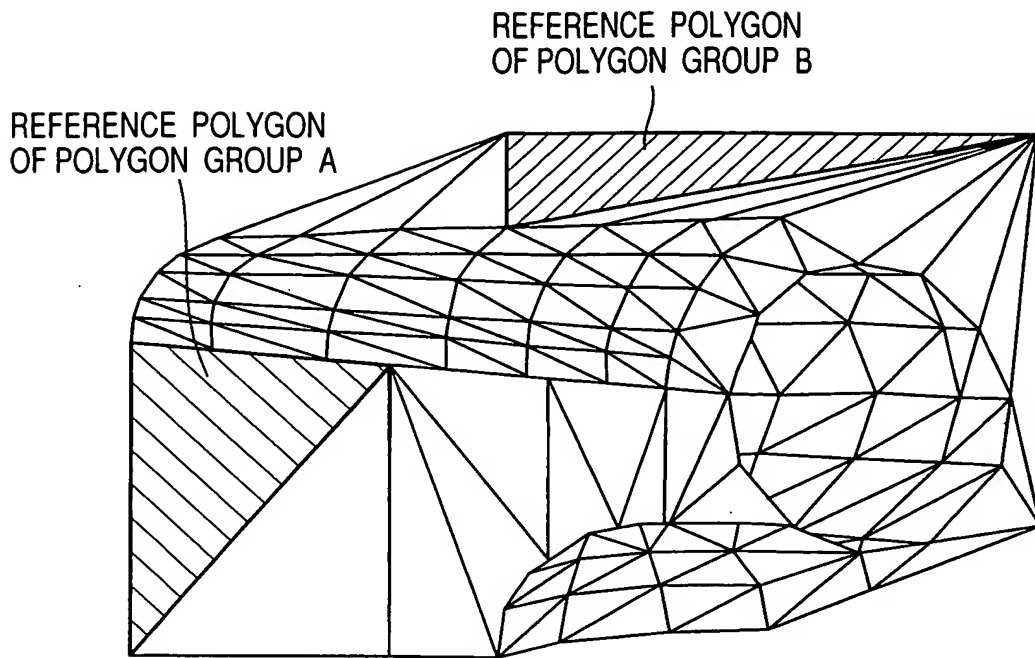


FIG. 7

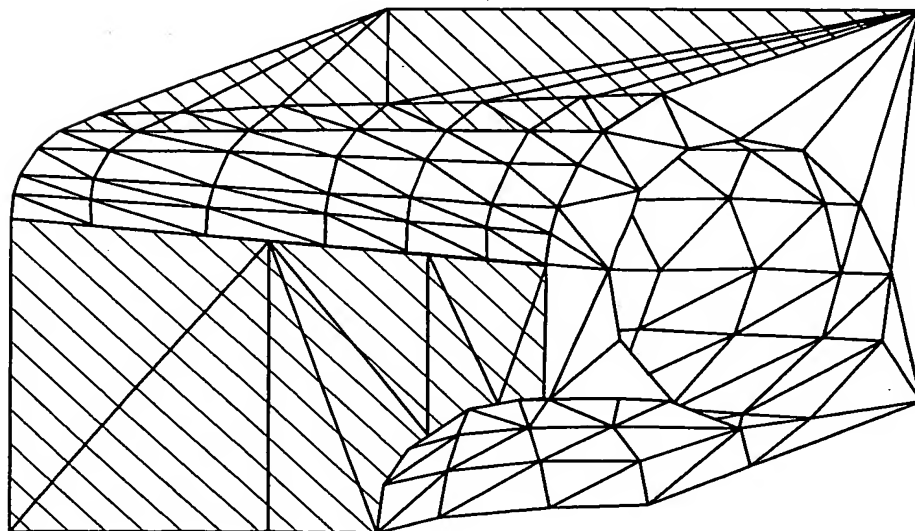


FIG. 8

SECOND REFERENCE POLYGON OF POLYGON GROUP B

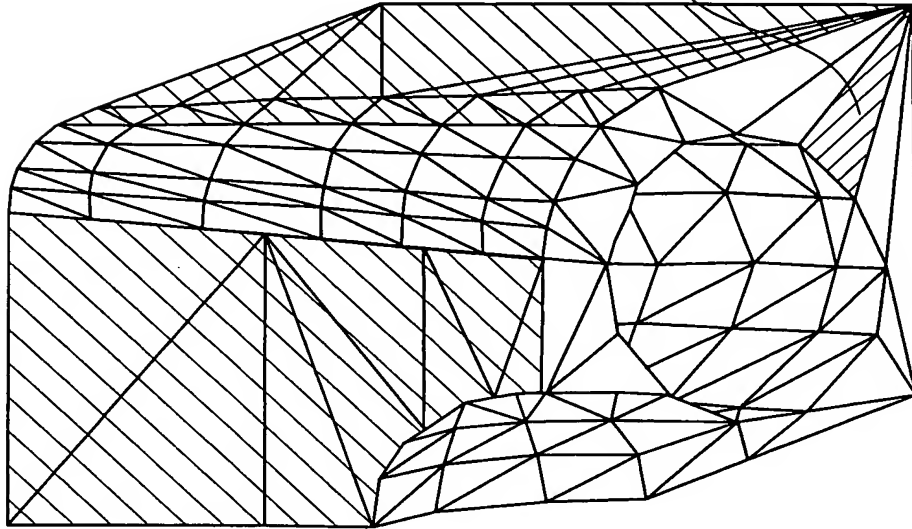


FIG. 9

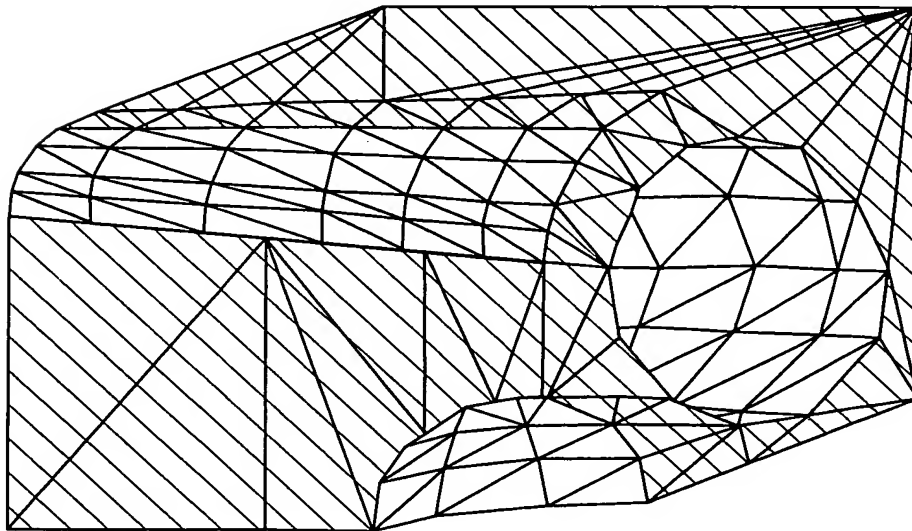


FIG. 10

THIRD REFERENCE POLYGON OF POLYGON GROUP B

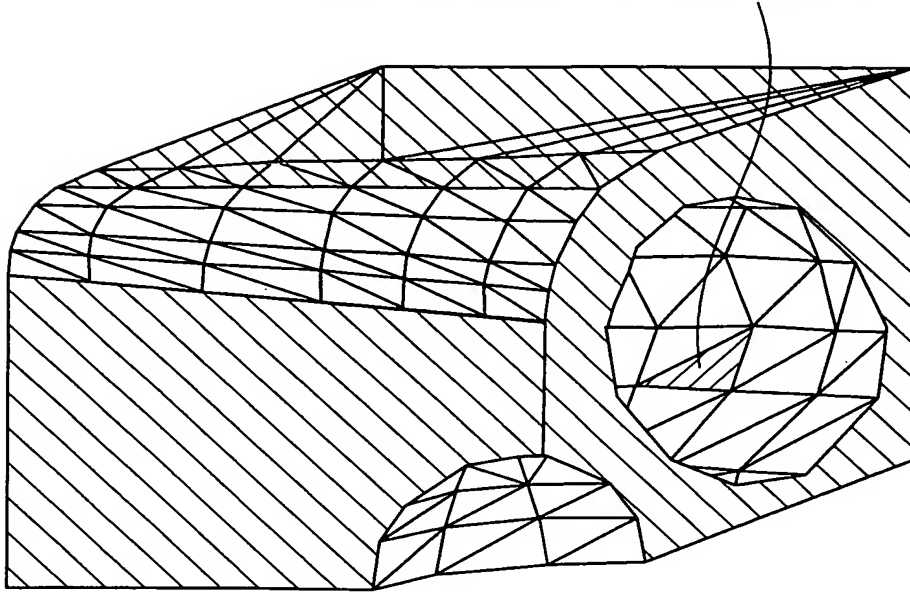


FIG. 11

POLYGON SET WHICH NEIGHBORS THIRD  
REFERENCE POLYGON OF POLYGON GROUP  
B AND SATISFIES CRITERION

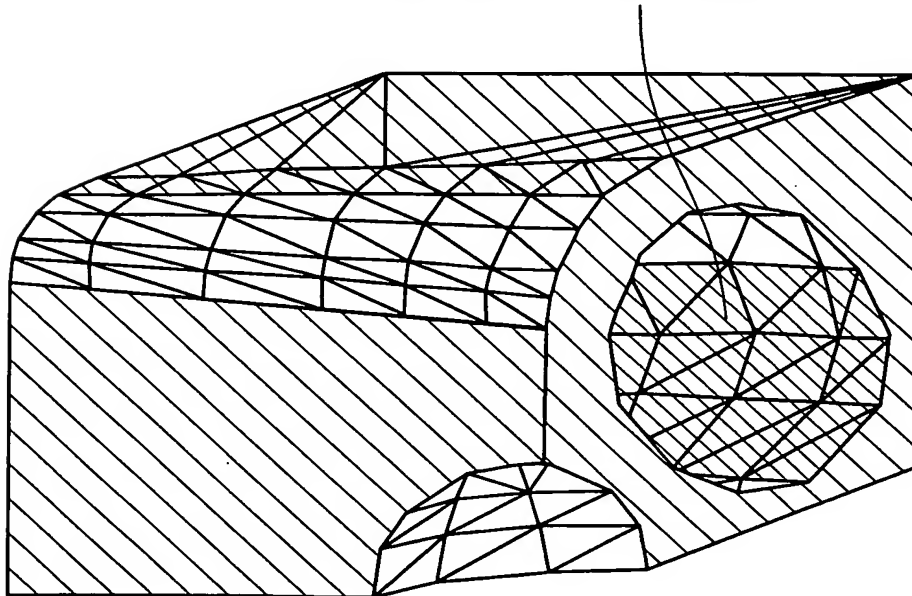


FIG. 12

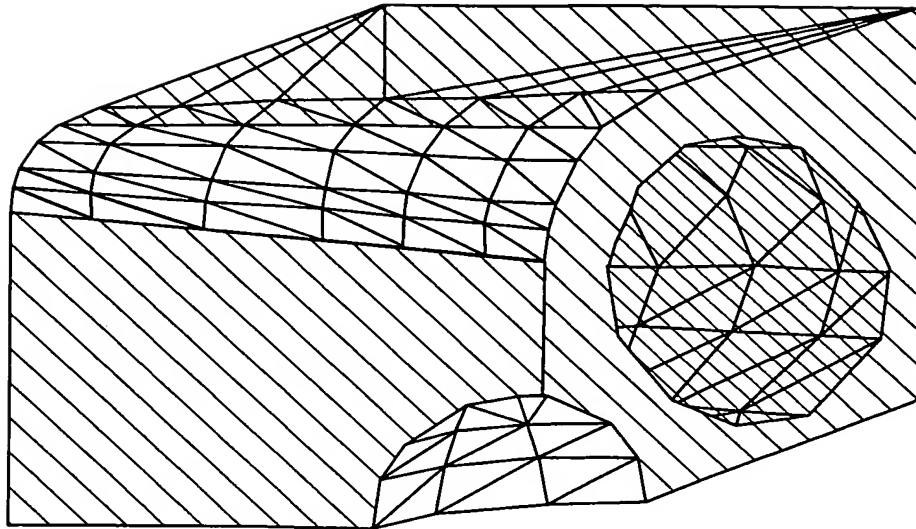


FIG. 13

FOURTH REFERENCE POLYGON OF POLYGON GROUP B

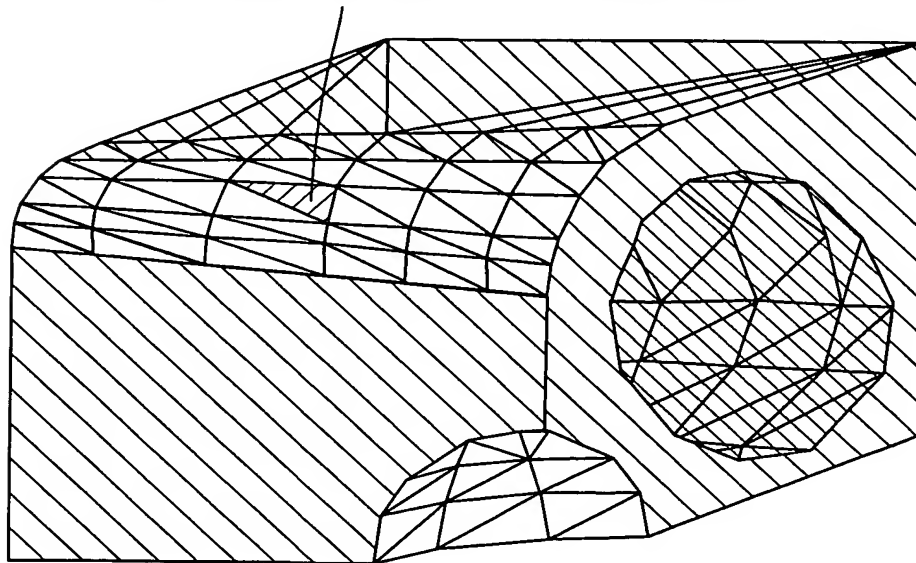


FIG. 14



POLYGON SET WHICH NEIGHBORS FOURTH  
REFERENCE POLYGON OF POLYGON GROUP  
B AND SATISFIES CRITERION

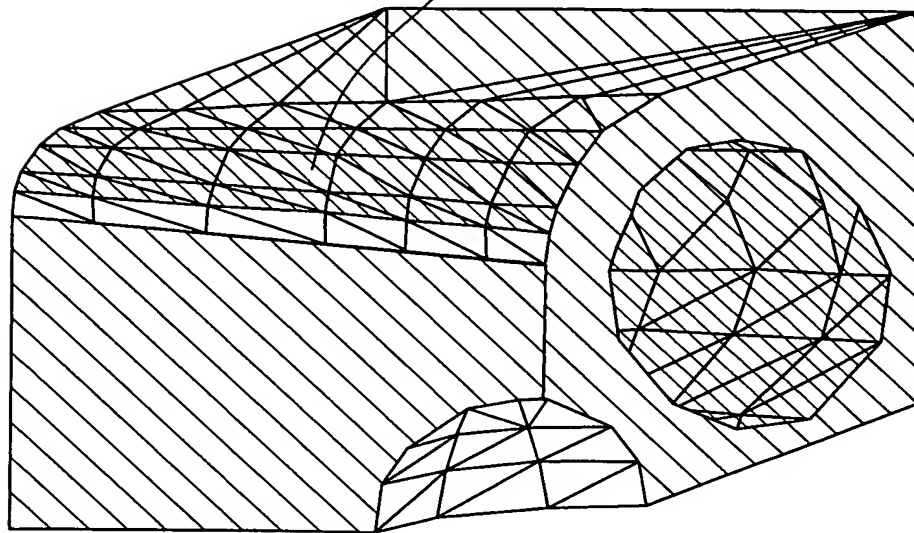


FIG. 15

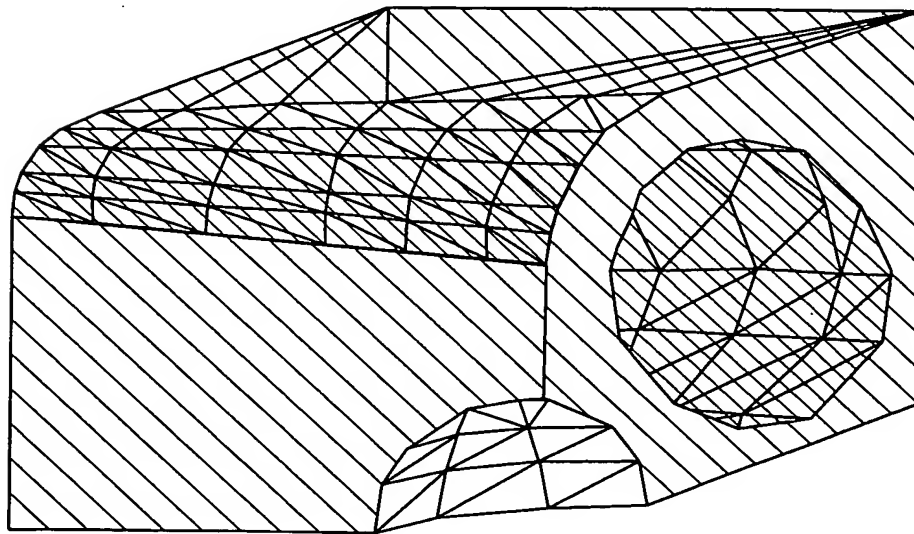
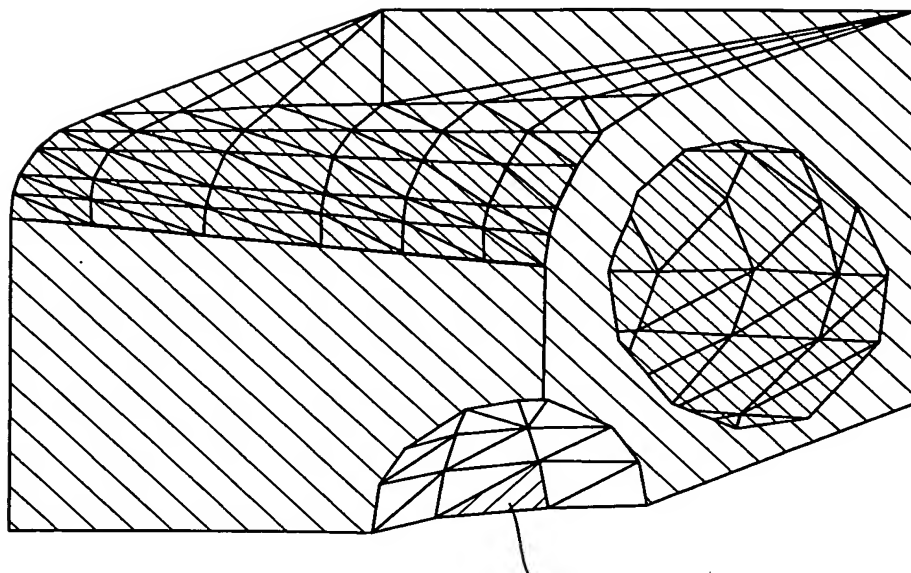


FIG. 16



FIFTH REFERENCE POLYGON OF POLYGON GROUP B

FIG. 17

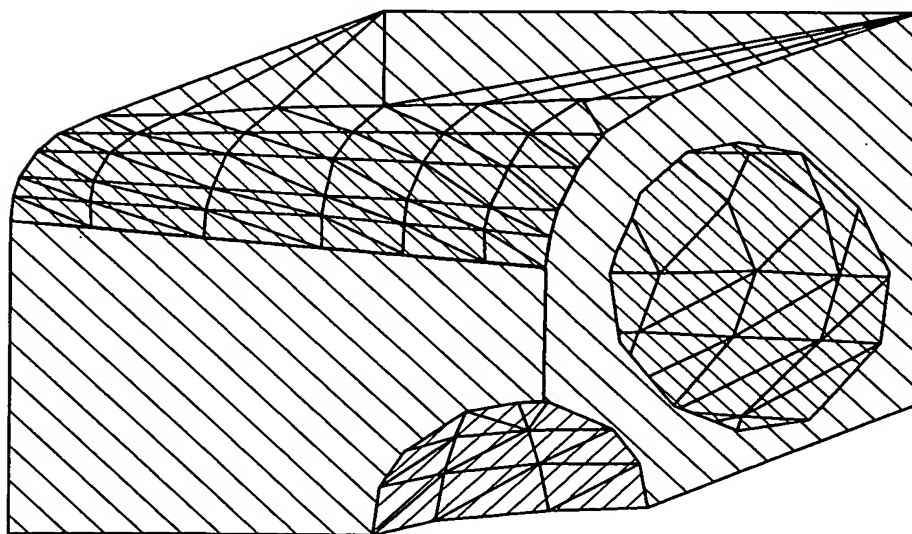


FIG. 18

MOVEMENT RESULT OF POLYGONS AMONG  
SURFACES TO OBTAIN BETTER FITTING RESULT

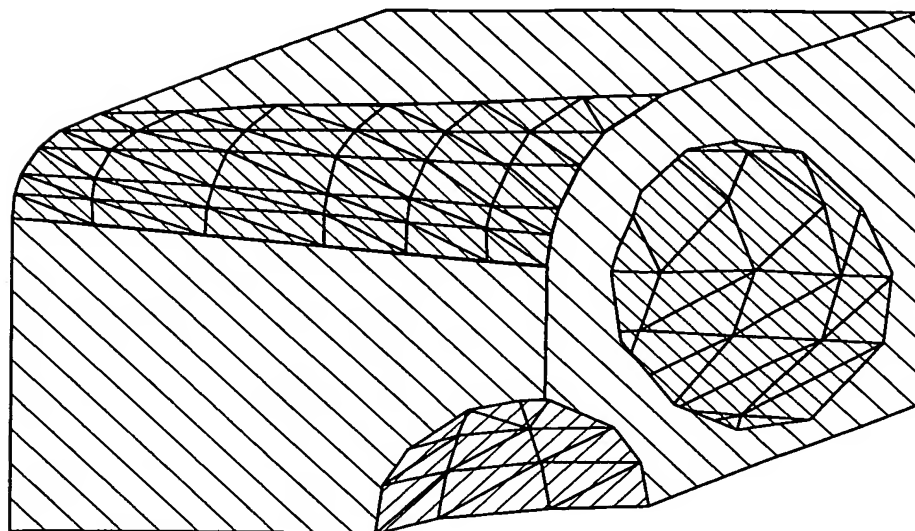


FIG. 19

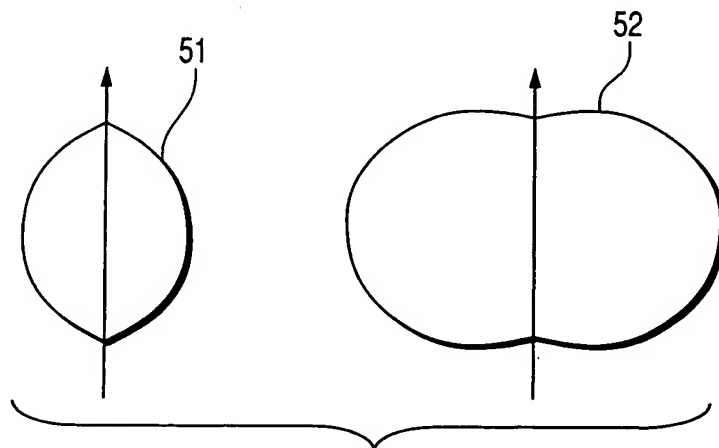
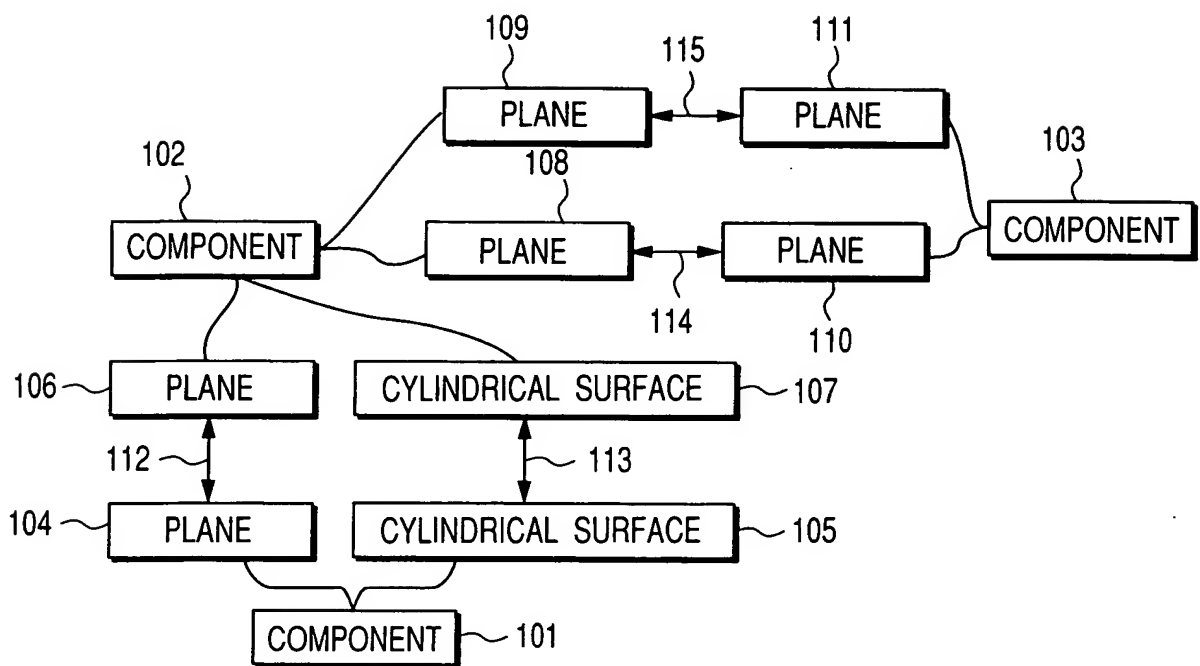
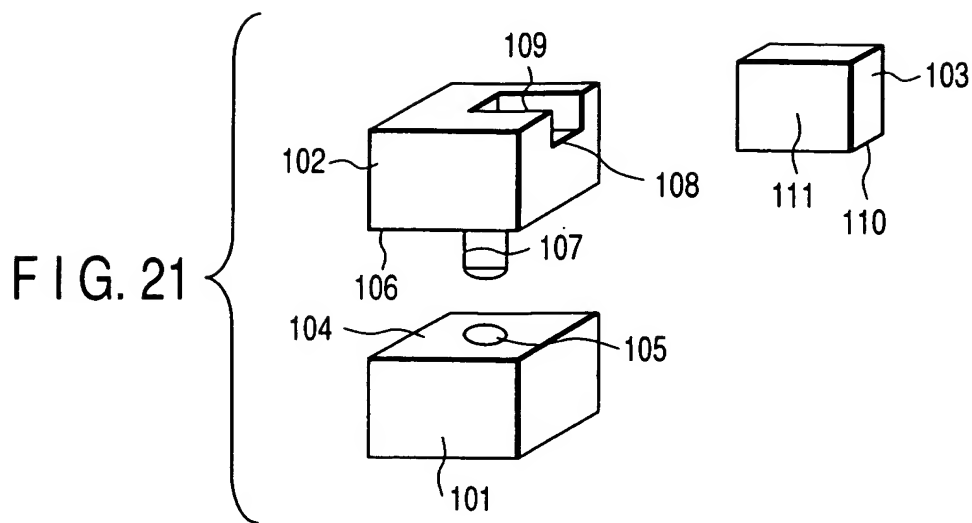
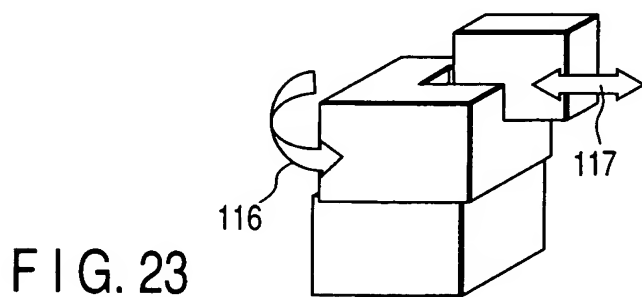


FIG. 20



**FIG. 22**



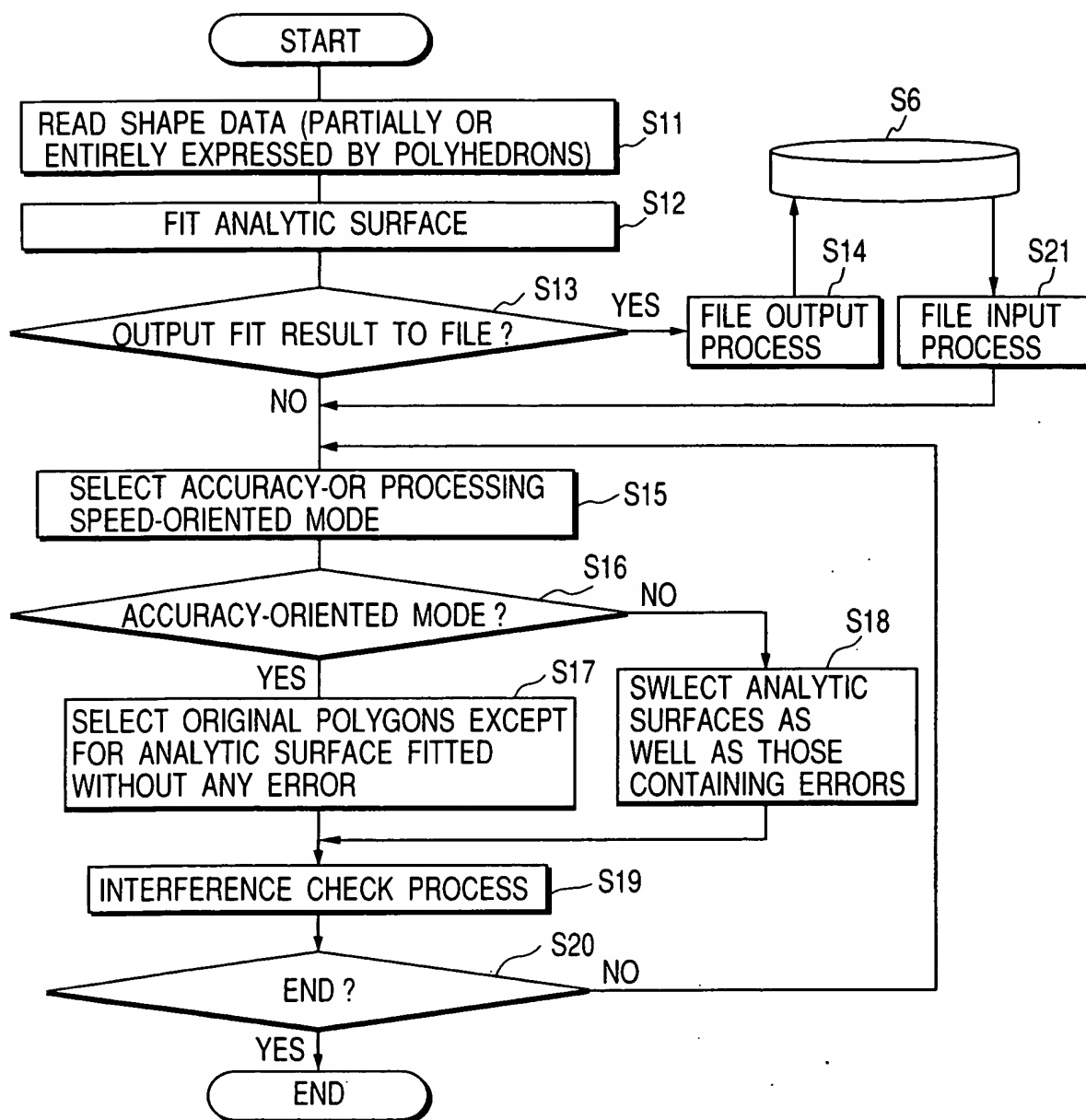


FIG. 24

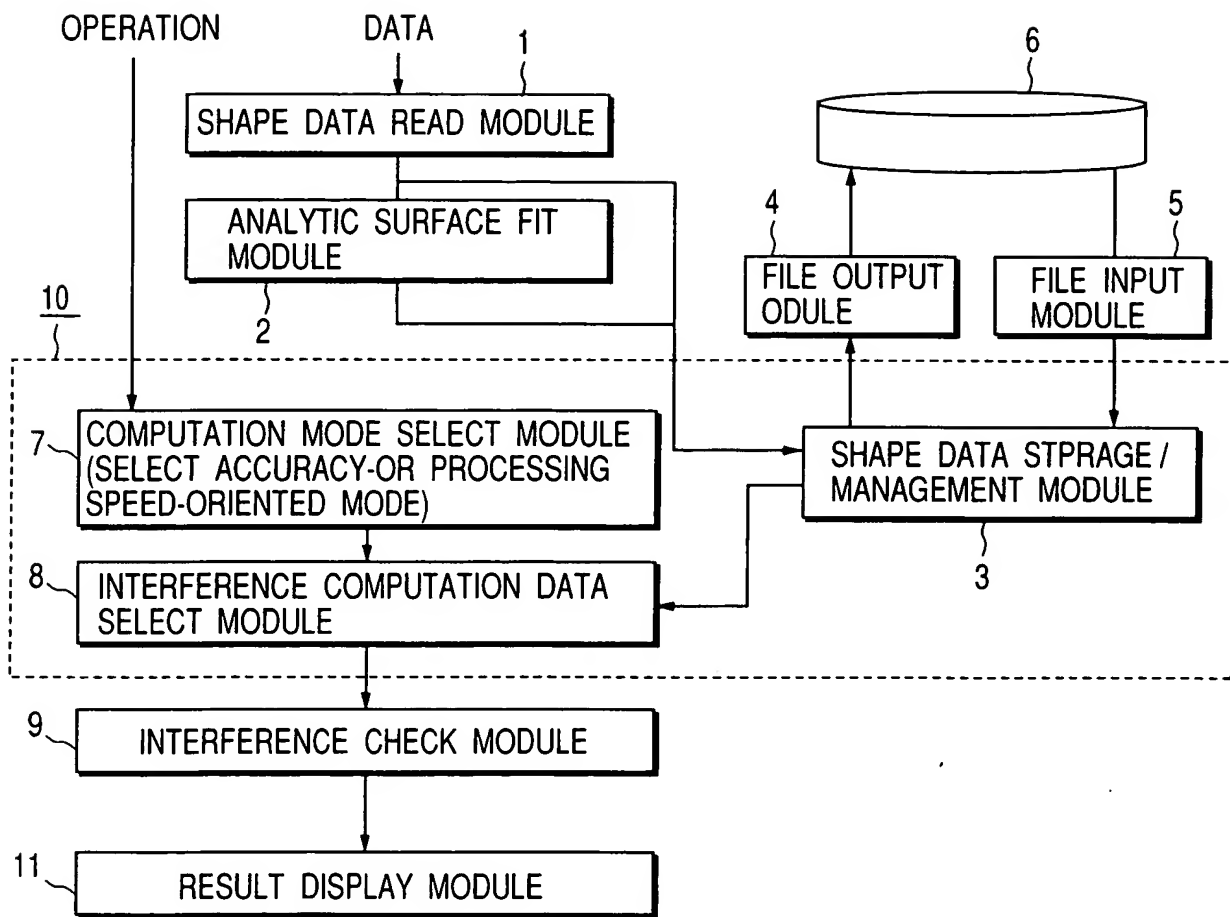


FIG. 25

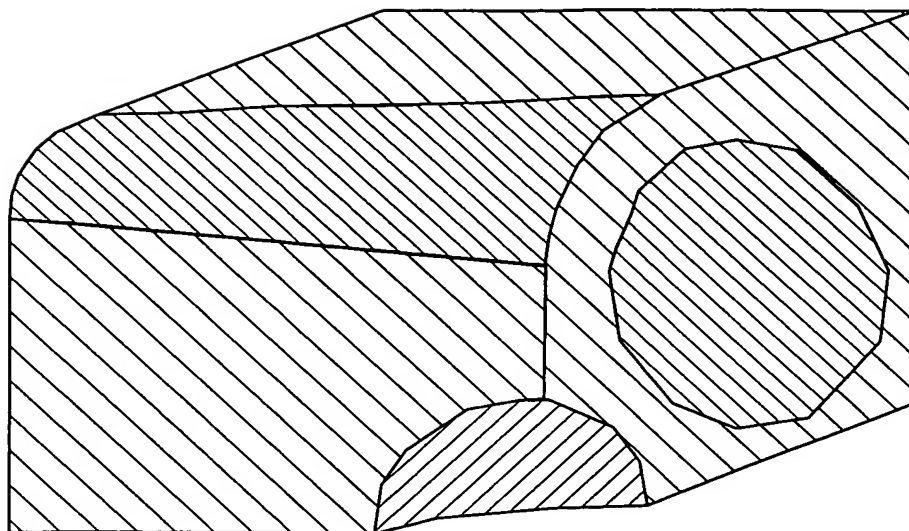


FIG. 26

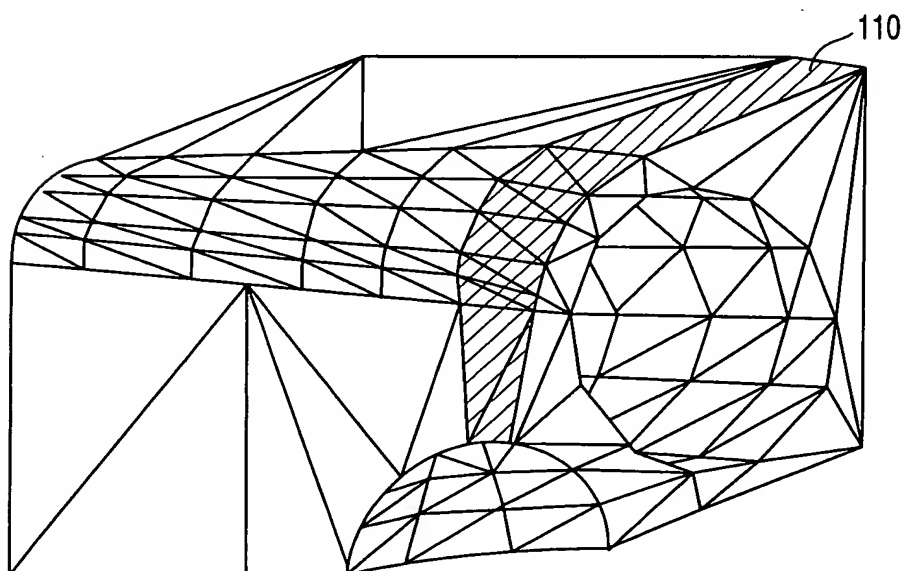


FIG. 27

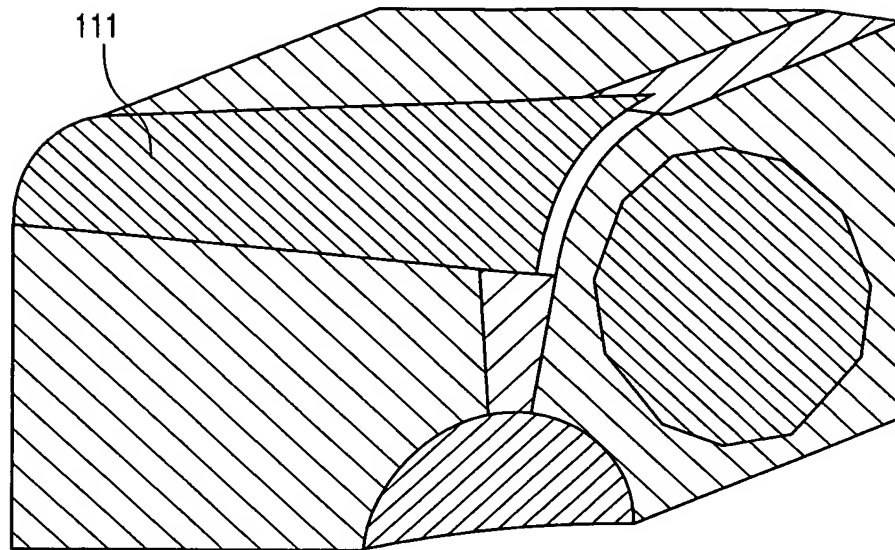


FIG. 28

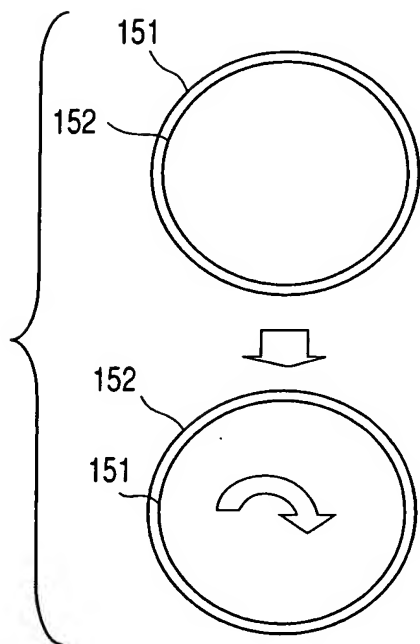


FIG. 29A

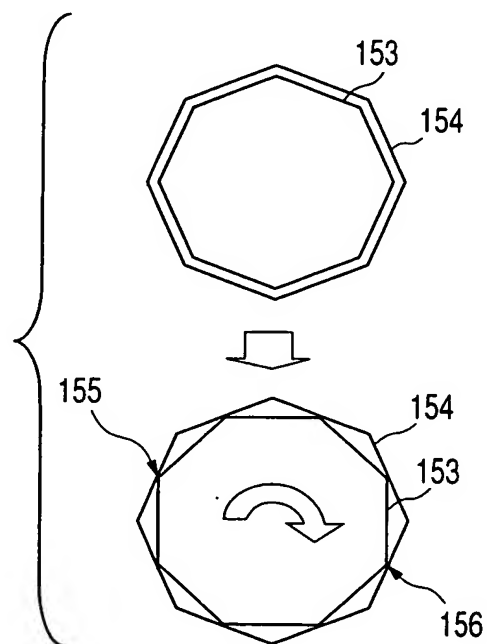


FIG. 29B



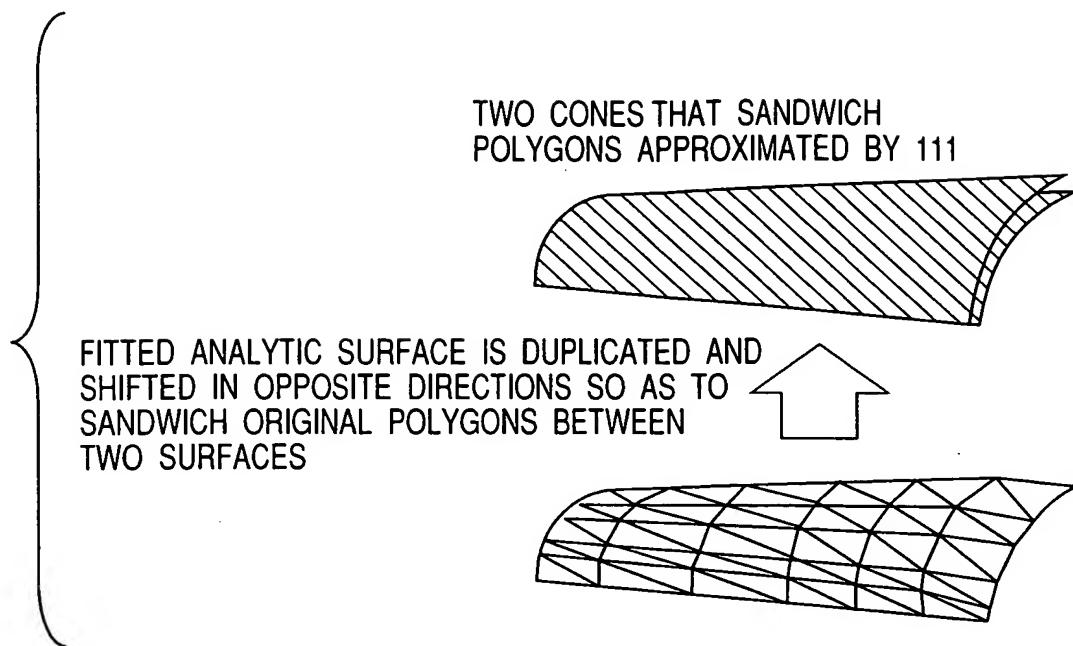
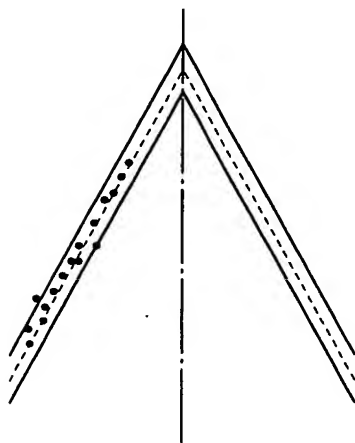
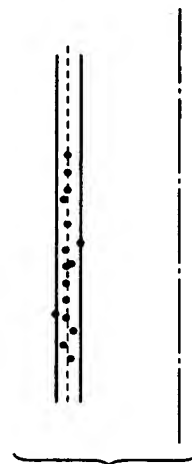


FIG. 30



IN CASE OF CONE  
(VERTICALLY MOVE CONE ALONG  
AXIS TO SANDWICH IT BETWEEN  
TWO SURFACES)

FIG. 31A



IN CASE OF CYLINDER  
(SANDWICH BETWEEN TWO SURFACES  
BY INCREASING / DECREASING RADIUS)

FIG. 31B